

Appln No. Not Assigned
Amdt date Jun 20, 2003

Amendments to the Specification:

Please amend the paragraph starting on page 1, line 6, as follows:

--This application is a continuation of U.S. patent application Serial No. 09/467,538, filed on December 18, 1999 which claims priority of U.S. provisional Application No. 60/112,945 filed December 18, 1998, the disclosure of which is incorporated fully herein. This application is also related to application Serial No. 08/777,799, filed on December 31, 1996, the disclosure of which is incorporated fully herein by reference.--

Please insert the following new paragraph on page 2, line 16:

--FIG 2. illustrates in flow diagram form an example of the process in accordance with an embodiment of the present invention.--

Please amend the paragraph beginning on page 4, line 22, through page 6, line 8 as follows:

--FIG. 1 [~~The drawing~~] illustrates a user terminal. A cable feed 10 or other television signal source such as an antenna or satellite dish is connected to a tuner 12, which is part of a cable box, television receiver, or satellite receiver. A switch 14a alternatively connects tuner 12 to a television monitor 16 for program viewing or to a VCR 18 for program recording. A switch 14b alternatively connects tuner 12 for viewing or VCR 18 for playback to monitor 16. Tuner 12, switch 14a, switch 14b,

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monitor 16, and VCR 18 are controlled by a microprocessor 20 having a memory 22 such as a RAM. Assuming analog transmission of the television signal, a VBI decoder 24 is connected between tuner 12 and switch 14a to extract program title information from the VBI of the television signal. (If the television signal is transmitted in digital form, no VBI decoder is needed.) This title information is coupled to microprocessor 20 for storage in memory 22. An input device 26 such as a remote controller is coupled to microprocessor 20 to enter user commands. As is well known, another tuner and appropriate switching could be provided to permit simultaneous television viewing and VCR recording. The Plus Codes, CDTL information, or instant recording command is entered into microprocessor 20 by input device 26 [24]. Microprocessor 20 stores the CDTL information, or channel and time, as the case may be, in memory 22 and, in cases (a) and (b), compares the time component with the output of the real time clock, which is internal to microprocessor 20. At the time of the program to be recorded, microprocessor 20 connects tuner 12 to VCR 18 through switch 14a, sets tuner 12 to the channel represented by the CDTL information in cases (a) and (b) or the selected channel in case (c), turns on VCR 18 for the duration of the program, and stores the tape location in memory 22 with the title or CDTL information, depending upon whether the title is grabbed before or after the recording. The title, channel, and time information for each time period, e.g., a 24-hour day, may be transmitted several times during the time period, and thus may arrive before or after the CDTL information or the instant record command is entered through input device 26. (In an alternative embodiment,

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the title, channel, and time information may be transmitted after the time period in which the programs are transmitted, and thus would always arrive after the CDTL information or the instant record command is entered through input device 26.) As the title, channel, and time information for each program is being transmitted in the television signal, it is extracted by VBI decoder 24. Microprocessor 20 compares the channel and time with the channel and time of the CDTL information stored in memory 22. If a match occurs, the title is grabbed and stored. The title is substituted for the CDTL information if the title is grabbed after recording. The title is stored in addition to the CDTL information if the title is grabbed before recording and then the CDTL information is discarded after recording. Otherwise the transmitted title, channel, and time information is discarded. Alternatively, the CDTL information could be stored for later use and display in either case.--

Please insert the following new paragraph on page 6, after the paragraph ending on line 8:

--FIG 2. illustrates in flow diagram form an example of the process in accordance with an embodiment of the present invention.--